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A Rofougaran, JYC Chang, M Rofougaran, AA Abidi - Solid-State Circuits, IEEE Journal of, 1996 - [ieeexplore.ieee.org](#)

... clear which parameters are within the circuit designer's reach ... value inductors may only be integrated on semi ... while on a standard silicon substrate inductors no ...

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PR Gray, RG Meyer - Custom Integrated Circuits Conference, 1995., Proceedings of ..., 1995 - [ieeexplore.ieee.org](#)

... IEEE 1995 CUSTOM INTEGRATED CIRCUITS CONFERENCE 83 ... to be low enough that nor- mal monolithic filtering techniques ... used to tune the desired channel, is at much ...

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UHF/L-Band monolithic direct digital receiver

RR Stehlik - US Patent 5,517,529, 1996 - [freepatentsonline.com](#)

... and decimation filtering means mounted on the substrate. ... heterodyning circuit, on a monolithic integrated circuit 108 ... the fine tuning integrated circuit 110 can ...

Cited by 12 - Related articles - Web Search - All 3 versions

Low-power radio-frequency ICs for portable communications

AA Abidi - Proceedings of the IEEE, 1995 - [ieeexplore.ieee.org](#)

... excessive capacitance to the substrate, which lowered ... that on-chip tuned circuits are generally ... amplifiers did appear on monolithic integrated circuits, it was ...

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Microwave triode amplifiers from 1 to 2 GHz using molybdenum thin-film-field-emission cathode devices

PM Phillips, RE Neildert, L Malsawma, C Hor - Electron Devices, IEEE Transactions on, 1995 - [ieeexplore.ieee.org](#)

... work addresses all these factors with integrated experiments and ... which the details of the matching circuit network are ... 6). Each tuner is about 12 inches long ...

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High Integration CMOS RF Transceivers

F Brianti, G Chien, T Cho, S Lo, S Mehta, J Ou, J ... - Analog Circuit Design, 1996 - [books.google.com](#)

... NM, Meyer, RO,"A 1. 8-GHz monolithic LC voltage ... results and modeling techniques for substrate noise in mixed-signal integrated circuits," IEEE Journal of Solid ...

Cited by 4 - Related articles - Web Search

Voltage calibration of the direct electrooptic sampling technique

DR Hjelme, AR Mickelson - Microwave Theory and Techniques, IEEE Transactions on, 1992 - [ieeexplore.ieee.org](#)

... in the operating frequency of monolithic microwave integrated circuits (MMICs) as ... contributions from the multiple reflections in the substrate m ...

Cited by 5 - Related articles - Web Search - BL Direct - All 3 versions

Microwave monolithic integrated circuit package

DF Ammar - US Patent App. 09/862,982, 2001 - Google Patents

... gate voltage (V_g) adjustment to tune the amplifier to ... [0088] 5. Attach the substrate board to ... is: 1. A microwave monolithic integrated circuit (MMIC) package ...

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Monolithic microwave wide-band VCO

GE Brehm, BN Scott - US Patent 4,481,487, 1984 - Google Patents

... 13. A monolithic wideband voltage-controlled oscillator (VCO) ... and said varactors being integrated on a common monocrystalline substrate; whereby said ...

Cited by 4 - Related articles - Web Search - All 4 versions

2.5-THz GaAs monolithic membrane-diode mixer

PH Siegel, RP Smith, MC Graldis, SC Martin - Microwave Theory and Techniques, IEEE Transactions on, 1999 - ieeexplore.ieee.org

... different circuit approach, the monolithic membrane diode ... 21-GHz suspended-substrate IF transformers ... GM Rebeiz, "Progress in integrated circuit horn antennas ...

Cited by 55 - Related articles - Web Search - BL Direct - All 4 versions

5-GHz SiGe HBT monolithic radio transceiver with tunable filtering - ► [toronto.edu](#) (PDF)

MA Copeland, SP Voinigescu, D Marchesan, P Popescu ... - Microwave Theory and Techniques, IEEE Transactions on, 2000 - ieeexplore.ieee.org

... The synthesizer was not integrated on this chip, al ... et al.: 5-GHz SiGe HBT MONOLITHIC RADIO TRANSCEIVER ... in common mode, the collector-substrate capacitance of ...

Cited by 39 - Related articles - Web Search - BL Direct - All 5 versions

Subharmonically pumped CMOS frequency conversion (up and down) circuits for 2-GHz WCDMA direct- ...

KJ Koh, MY Park, CS Kim, HK Yu - Solid-State Circuits, IEEE Journal of, 2004 - ieeexplore.ieee.org

... Index Terms—Active mixers, CMOS analog integrated circuits, CMOS mixer, dc offset, direct conversion, phase shifter, RF mixer, subharmonic (SH) mixing ...

Cited by 24 - Related articles - Web Search - BL Direct - All 2 versions

Effect of mode launcher geometry on the performance of a mode-selective input coupler for a gyrotron ...

JP Tate, H Guo, M Naiman, L Chen, VL Granatstein - Electronics Letters, 1993 - ieeexplore.ieee.org

... band by moving the coaxial tuner. ... Substrate integrated transition between a planar millimetre ... a hybrid approach, ie monolithic integrated circuits (MMICs) are ...

Web Search - BL Direct - All 3 versions

AP-S workshops

B Scott - Antennas and Propagation Society Newsletter, IEEE, 1987 - ieeexplore.ieee.org

... by the addition of off-substrate loading to ... is often incompatible with high-density monolithic interface requirements ... the transition may be integrated with the ...

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[PDF] ► Polymer-Based Optical Waveguide Circuits for Photonic Phased Array Antennas

S Tang, L Wu, Z Fu, D An, Z Han, RT Chen - Proc. SPIE, 1999 - chen-server.mer.utexas.edu

... by using photonic polymeric waveguide circuits in conjunction ... fabricated on the same substrate, can be ... Such a monolithic integrated module not only reduces the ...

Cited by 12 - Related articles - Web Search - All 5 versions

DC offset-free RF front-end circuits and systems for direct conversion receivers

Y Zheng, CB Tear, SJ Wong - US Patent App. 10/746,200, 2003 - Google Patents

... principle, lends itself to monolithic integration much ... of various capacitive and substrate coupling ... Receivers," IEEE customer integrated circuit conference, pp ...

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A 70-Mb/s Variable-Rate 1024-QAM Cable Receiver IC with Integrated 10-b ADC and FEC Decoder - ► [seu.edu.cn](#) [PDF]

LK Tan, JS Putnam, F Lu, LJ D'Luna, DW Mueller, ... - IEEE JOURNAL OF SOLID-STATE CIRCUITS, 1998 - [ieeexplore.ieee.org](#)

... problem, a separate clean digital substrate ground line was ... rate 4-1024 QAM receiver monolithic IC has ... Currently, he is developing integrated circuits for broad ...

[Cited by 27](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - All 5 versions

Measuring and testing

I Kneppo, J Fabian - Microwave Integrated Circuits, 1994 - [books.google.com](#)

... current microwave measuring technique for the integrated technology is ... the electro-optic effect in the GaAs substrate. ... for any set of microwave circuits on ...

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Semiconductor photonic integrated circuits

TL Koch, U Koren - Quantum Electronics, IEEE Journal of, 1991 - [ieeexplore.ieee.org](#)

... the monolithic (single-substrate) integration of ... or work on monolithic wavelength-demultiplexing ... KOCH AND KOREN: SEMICONDUCTOR PHOTONIC INTEGRATED CIRCUITS ...

[Cited by 118](#) - [Related articles](#) - [Web Search](#) - All 4 versions

Digital tuner

RD McCallister, BP Badke - US Patent 6,141,389, 2000 - Google Patents

... modulator 10 which includes a low speed integrated circuit (1C) 12 ... is a monolithic device in which only a few ... are formed on a common semiconductor substrate. ...

[Cited by 1](#) - [Related articles](#) - [Web Search](#) - All 3 versions

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Fast-synchronizing high-fidelity spread-spectrum receiver

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... and wherein the equalizer resides on the monolithic substrate. 28 ... PLL) is necessary to fine-tune the LO ... area when fabricated in an integrated-circuit (IC) chip ...

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Multi-carrier receiver for a wireless telecommunication system

SK Claxton, BK Oyama, BR Allen, M Kintis, AD Smith ... - US Patent 6,631,255, 2003 - freepatentsonline.com
... components discussed above on a monolithic substrate 132 array of digital sub-band tuners (DSBTs ... desired bandwidths with the integrated circuit technology used ...

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... as in GaAs on a single monolithic substrate, and a ... ground isolator 115 or from an integrated phase splitter 110 and ground isolation circuit 115 , and ...

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Network swappers and circuits constructed from same

RJ Distinti - US Patent 5,404,143, 1995 - freepatentsonline.com
... amenable to fabricating upon a monolithic substrate as a ... fabricated within a silicon integrated circuit without requiring a ... the need to laser tune the circuit. ...

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Integrated circuit computer system having a keyboard input and a sound output

GP Hyatt - US Patent 5,615,380, 1997 - freepatentsonline.com
... set forth in claim 1 above, wherein said integrated circuit sound stored program digital computer further includes an integrated circuit digital printer output ...

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Radio system including FET mixer device and square-wave drive switching circuit and method therefor

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... A drive circuit generates a substantially square-wave two-voltage level switching signal for driving said mixing device. An analog-to-digital converter ...

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... Title: Integrated circuit computer system having a keyboard input and a sound output. ...
879,293; 3) SINGLE CHIP INTEGRATED CIRCUIT COMPUTER ARCHITECTURE Ser. No. ...

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MA Reed, JM Tour - EP Patent 0,643,883, 2003 - freepatentsonline.com

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... 22,2000 [54] RADIO SYSTEM INCLUDING FET MIXER DEVICE AND SQUARE-WAVE DRIVE SWITCHING CIRCUIT AND METHOD THEREFOR [75] Inventors: Michael Wendell Vice, EI ...

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... Balanced circuit topologies, on-chip EO'S that ... Several integrated receiver and transmitter IC's conforking to ... these portable phones use direct up- conversion ...

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A 1 GHz CMOS RF front-end IC for a direct-conversion wireless receiver - ► [seu.edu.cn](#) (PDF)

A Refougaran, JYC Chang, M Refougaran, AA Abidi - Solid-State Circuits, IEEE Journal of, 1996 - [ieeexplore.ieee.org](#)

... the receiver may be integrated with a need for very few ... ments are often interdependent in a simple circuit, and may ... L₁ in series with the gate to tune out the ...

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Low-power radio-frequency ICs for portable communications

AA Abidi - Proceedings of the IEEE, 1995 - [ieeexplore.ieee.org](#)

... a high-quality receiver, the RF amplifier may ... that on-chip tuned circuits are generally ... tuned amplifiers did appear on monolithic integrated circuits, it was ...

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PR Gray, RG Meyer - Custom Integrated Circuits Conference, 1995., Proceedings of ..., 1995 - [ieeexplore.ieee.org](#)

... The IF needs to be low enough that normal monolithic filtering techniques such as g/C continuous ... Circuit Approaches for Integrated Synthesizers Most ...

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A 28-GHz monolithic integrated quadrature oscillator in SiGe bipolar technology

S Hackl, J Bock, G Ritzberger, M Wurzer, AL ... - Solid-State Circuits, IEEE Journal of, 2003 - [ieeexplore.ieee.org](#)

... Monolithic integrated oscillators with SiGe-HBTs are published ... and the output power versus tune voltage is ... IEEE Custom Integrated Circuits Conf., May 2001, pp ...

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UHF/L-Band monolithic direct digital receiver

RR Stehlík - US Patent 5,517,529, 1996 - [freepatentsonline.com](#)

... signal to the desired baseband sample rate, to tune the signal ... analog-to-digital converter and a heterodyning circuit, on a monolithic integrated circuit 108 ...

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... work addresses all these factors with integrated experiments and ... which the details of the matching circuit network are ... 6). Each tuner is about 12 inches long ...

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A 150-MHz direct digital frequency synthesizer in 1.25- μ m CMOS with -90-dBc spurious performance

HT Nicholas III, H Samueli, PG Technol, CA ... - Solid-State Circuits, IEEE Journal of, 1991 - [ieeexplore.ieee.org](#)
... A monolithic DDFS is presented herein which simulta ... 4-b adder employing the carry-integrated register stage ... of the ROM architec- ture and circuits resulted in ...

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Semiconductor photonic integrated circuits

TL Koch, U Koren - Quantum Electronics, IEEE Journal of, 1991 - [ieeexplore.ieee.org](#)
... levels and to illustrate a sampling of the ... [2], or work on monolithic wavelength-demultiplexing ... KOCH AND KOREN: SEMICONDUCTOR PHOTONIC INTEGRATED CIRCUITS 643 ...

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Voltage calibration of the direct electrooptic sampling technique

DR Hjelme, AR Mickelson - Microwave Theory and Techniques, IEEE Transactions on, 1992 - [ieeexplore.ieee.org](#)
... the operating fre- T quency of monolithic microwave integrated circuits (MMICs)
as ... polarizing beamsplitter rotated to 45", the circuit substrate, and ...

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High Integration CMOS RF Transceivers

F Brianti, G Chien, T Cho, S Lo, S Mehta, J Ou, J ... - Analog Circuit Design, 1996 - [books.google.com](#)
... 24. K. Negus, et al, " A Highly Integrated Transmitter 1C with Monolithic Narrowband
Tuning ... Papers• 1993 International Solid-State Circuits Conference, San ...

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[PDF] ► A New Argus Direct Conversion Receiver and Digital Array Receiver/Processor

G Hampson, S Ellingson - Design Report, September, 2002 - [ece.vt.edu](#)
... MAX2105 Direct Conversion Tuner +5V +5V +5V +5V +9V ... Circuit board ad9281rev2.pcb
1 Express PCB \$19.37 \$19.37 Integrated Circuits MAX2105CWI 1 Avnet \$6.92 \$6.92 ...

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MONOLITHIC INTEGRATED CIRCUIT FOR A TELEVISION RECEIVER

K UTSUNOMIYA, T KAMATA - EP Patent 1,438,841, 2004 - [freepatentsonline.com](#)
... or passive filters in the monolithic integrated circuit isolate the ... In one embodiment, the television tuner is integrated into a single integrated circuit chip ...

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Sampling phase detector and multiple frequency band termination circuit and method

CD Grondahl - US Patent 5,953,645, 1999 - [freepatentsonline.com](#)
... applications, open stub 21 operates to tune or optimize ... such as terminations fabricated on a monolithic microwave integrated circuit or terminations ...

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Digital tuner with optimized clock frequency and integrated parallel CIC filter and local oscillator

TJ Genrich - US Patent 6,647,075, 2003 - [freepatentsonline.com](#)
... 375/316, UHF/L-Band monolithic direct digital receiver. ... array, an application-specific integrated circuit, or embedded ... recognize that PCIC-based tuners are ideal ...

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Direct conversion-how to make it work in TV tuners

F Aschwanden - Consumer Electronics, IEEE Transactions on, 1996 - ieeexplore.ieee.org
... spectra. Analog circuits are not ideal. ... filter. Page 5. Aschwanden: Direct
Conversion-How to Make It Work in TV Tuners 733 The ...

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High precision RF vector analysis system based on synchronous sampling

TK Bose, R Courteau - US Patent 5,631,553, 1997 - freepatentsonline.com
... strobe synthesizer 21 which can tune the system at ... and over 30 GHz with GaAs monolithic
circuits. ... to 500 MHz, and with dedicated integrated circuits this would ...

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2.5-THz GaAs monolithic membrane-diode mixer

PH Siegel, RP Smith, MC Grajeda, SC Martin - Microwave Theory and Techniques, IEEE Transactions on, 1999 - ieeexplore.ieee.org
... different circuit approach, the monolithic membrane diode ... A backshort tuner cavity
and top block ... and GM Rebeiz, "Progress in integrated circuit horn antennas ...

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High efficiency microwave power AlGaAs/InGaAs PHEMTs fabricated by dry etch single gate recess

... , F Ren, SJ Pearton, M Hu, CK Pao, RF Wang, M Div, ... - Electron Devices, IEEE Transactions on, 1995 - ieeexplore.ieee.org
... for multi-functional PHEMT devices and monolithic microwave integrated circuit products,
in ... transistor model contains 13 equivalent circuit elements. ...

[Cited by 18](#) - Related articles - Web Search - [BL Direct](#) - All 5 versions

28 GHz active I/Q mixer with integrated QVCO in SiGe bipolar technology

S Hackl, J Bock, G Ritzberger, AG Infineon ... - Solid-State Circuits Conference, 2002. ESSCIRC 2002. ..., 2002 - ieeexplore.ieee.org
... OUT TUNE TUNE ... With 28 GHz this circuit has the highest operating frequency for
I/Q ... J. Bock, M. Wurzer, and AL Scholtz, "40 GHz Monolithic Integrated Mixer in ...

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Radio-frequency integrated circuits for portable communications

AA Abidi - Custom Integrated Circuits Conference, 1994., Proceedings of ..., 1994 - ieeexplore.ieee.org
... filters on-chip either with spiral monolithic inductors or ... oscillator needs an off-chip LC tuned circuit. ... later years were used in integrated paging receivers. ...

Cited by 41 - Related articles - Web Search - All 2 versions

Sensitivity of a 1.4 GHz direct-sampling digital radiometer

MA Fischman, AW England - Geoscience and Remote Sensing, IEEE Transactions on, 1999 - ieeexplore.ieee.org
... and better reliability of monolithic integrated circuitry. ... and it is well suited for circuit integration ... STAR sensors are developed, direct- sampling could play ...

Cited by 20 - Related articles - Web Search - BL Direct - All 6 versions

Low-power radio-frequency ICs for portable communications

AA Abidi - Proceedings of the IEEE, 1995 - ieeexplore.ieee.org
... s have contributed digital volume-control, digital frequency- tuning ... antenna signal into the receiver [171 ... did appear on monolithic integrated circuits, it was ...

Cited by 142 - Related articles - Web Search - BL Direct - All 2 versions

Subharmonic quadrature sampling receiver and design - ▶ ust.hk [PDF]

MOW Lam, CCS Ling - US Patent 5,937,013, 1999 - freepatentsonline.com
... challenge in achieving monolithic heterodyne receiver ... using commercially available integrated circuit processing technology. ... amplifiers and AGC circuits to be ...

Cited by 6 - Related articles - Web Search - All 4 versions

A high performance HF software radio

NC Davies - HF Radio Systems and Techniques, 2000. Eighth International ..., 2000 - ieeexplore.ieee.org
... Now, for the first time, direct sampling, all-band digital receivers are finally becoming possible for ... Monolithic Microwave Integrated Circuits (MMICs ...

Cited by 13 - Related articles - Web Search - BL Direct - All 3 versions

Design of mobile radio transceiver RFICs: current status and future trends

L Maurer, K Chabruk, R Weigel, DDIC Eng, A Linz - Control, Communications and Signal Processing, 2004. First ..., 2004 - ieeexplore.ieee.org
... baseband amplifiers that are suitable to monolithic integration ... IEEE J. of Solid-State Circuits, vol ... al., "Fully Integrated W-CDMA IF Receiver and Transmitter ...

Cited by 5 - Related articles - Web Search

An L-band direct sampling digital radiometer for STAR technologysensors

MA Fischman, AW England - Aerospace Conference Proceedings, 2000 IEEE, 2000 - ieeexplore.ieee.org
... brightness out, with a relatively simple integrated circuit. ... each receiver could be monolithic except for ... this L-band Direct Sampling Digital Radiometer (DSDR ...

Cited by 4 - Related articles - Web Search

Superconductor analog-to-digital converters - ► [hypres.com](#) [PDF]

OA Mukhanov, D Gupta, AM Kadin, VK Semenov, H Inc, ... - Proceedings of the IEEE, 2004 - [ieeexplore.ieee.org](#)
... rapid single-flux quantum (RSFQ) logic, these integrated circuits are capable ...
to-digital converter (ADC), decimation filter, digital receiver, digitizer, flux ...

Cited by 34 - Related articles - Web Search - All 4 versions

HBT IC manufacturability and reliability

M Hafizi - Solid State Electronics, 1997 - Elsevier
... based ADC's are particularly in demand for direct sampling receivers in ... 40
Gbit/s as well as monolithic optoelectronic integrated circuits[7-10 ...

Cited by 9 - Related articles - Web Search - [SL Direct](#) - All 3 versions

A software-radio front-end for microwave applications - ► [adv-radio-sci.net](#) [PDF]

M Streifinger, T Muller, JF Luy, EA Biebl - Silicon Monolithic Integrated Circuits in RF Systems, 2003 ... , 2003 - [ieeexplore.ieee.org](#)
... In future, also the holding capacity will be integrated in this chip module. ... mounted
on TMMIOI substrate and connected to the balun and the bias circuits. ...

Cited by 4 - Related articles - Web Search - All 6 versions

Highly integrated mixed-signal L-band configurable receiver array

RM Herman, A Chao, J Deichsel, CH Mason, A McKay, ... - ... and Millimeter-Wave Monolithic Circuits
Symposium, 1994. ... , 1994 - [ieeexplore.ieee.org](#)
... 23 needs for highly integrated mixed-signal receiver ... Microwave and Millimeter-Wave
Monolithic Circuits Symposium ... resistance to control circuit properties such ...

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[BOOK] RF technologies for low power wireless communications

T Itoh, GI Haddad, J Harvey, Institute of ... - 2001 - [doi.wiley.com](#)
... processor (DSP), 201 Diplexer, 384, 385, 394, 397 Direct conversion, 37 Direct sampling,
37 Direct ... Monolithic microwave integrated circuit (MMIC), 95 ...

Cited by 17 - Related articles - Web Search - Library Search - All 2 versions

An L-band direct-sampling digital radiometer: design and performance evaluation

MA Fischman, AW England - Geoscience and Remote Sensing Symposium, 1999. IGARSS'99 ... , 1999 - [ieeexplore.ieee.org](#)
... to the design of a monolithic, phase-stable ... point represents the correlator output
integrated over 4 ... a more highly sensitive correlator circuit operating at 40 ...

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AA Abidi - Low Power Electronics, 1994. Digest of Technical Papers., ... , 1994 - [ieeexplore.ieee.org](#)
... Digital Mobile Radio", in Bipolar Circuits and Technology ... J., et al., "An Integrated
Si Bipolar ... in Microwave 6 Millimeter-Wave Monolithic Circuits Symp., pp ...

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[BOOK] Digital Signal Processing in Communication Systems

ME Frerking - 1994 - [books.google.com](#)
... Harmonic Sampling Receiver 353 Direct Sampling Receiver 364 Radio ... cost of redesigning
an integrated circuit or re ... 1.I Block diagram of early digital receiver ...

Cited by 128 - Related articles - Web Search - Library Search - All 2 versions

[PDF] ► Integrated optoelectronic circuits with InP-based HBTs

D Yap, YK Brown, RH Walden, TPE Broekaert, KR ... - Proceedings of SPIE, 2001 - [optics.arizona.edu](#)

... jim) can be achieved even when integrated with the ... HEMT combined with the fully monolithic integration results ... 7(b). The 4-bit converter circuit contains over ...

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Hemt circuits for signal/data processing

M Berroth, V Hurm, M Lang, Z Lao, A Thiede, ZG ... - Solid State Electronics, 1997 - Elsevier
... are also needed for direct sampling receivers, satellite ... the feasibility of complex monolithic integrated circuits for T ... receiver MMIC with digital control logic ...

[Cited by 1 - Related articles](#) - [Web Search](#) - [Bl. Direct](#) - [All 3 versions](#)

Digital tuner with optimized clock frequency and integrated parallel CIC filter and local oscillator

TJ Gennrich - US Patent 6,647,075, 2003 - [freepatentsonline.com](#)
... 375/316, UHF/L-Band monolithic direct digital ... EPLD), or application-specific integrated circuit (ASIC ... Direct sampling also eliminates the oscillators and mixers ...

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Electronic component allowing the decoding of satellite digital television signals

P Busson, PO Jouffre, B Louis-Gavet - US Patent App. 10/814,818, 2004 - [Google Patents](#)
... CI 725/63 (57) ABSTRACT An integrated circuit is embodied on a monolithic substrate and incorporates a tuning module of the direct sampling type that ...

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Sampling architectures [radio receivers]

E Courses, T Surveys - Microwave Symposium Digest, 2003 IEEE MTT-S International, 2003 - [ieeexplore.ieee.org](#)

... during the design of the circuit resulted in ... a second design, this capacitor was integrated monolithically ... problem could be solved by monolithic integration of ...

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